



## PDMP Brief – Q2 2018 – Boone County

The St. Louis County Prescription Drug Monitoring Program (PDMP) monitors the prescribing and dispensing of schedule II-IV controlled substances to assist in the identification and prevention of prescription drug misuse and abuse. The program's goals are to 1) improve controlled substance prescribing, 2) inform clinical practice, and 3) reduce the number of people who misuse, abuse, or overdose.

**The St. Louis County PDMP launched on April 25, 2017**, with 14 jurisdictions participating in the initial implementation. Saint Louis County Department of Public Health (DPH) operates the PDMP on behalf of all participating jurisdictions. As of June 30, 2018, 64 jurisdictions have enacted legislation to participate in the St. Louis County PDMP.

### As of 6/30/2018, there are over 12,590

### approved users within the system.

Figure 1 represents approved user counts for the total PDMP by quarter as well as the average number of patient searches performed per day. System utilization has increased as both the number of approved users and participating jurisdictions have increased. In Q2 2018, over 3,700 patient searches were performed daily by healthcare providers. Increasing utilization of the PDMP is a continued focus of DPH.

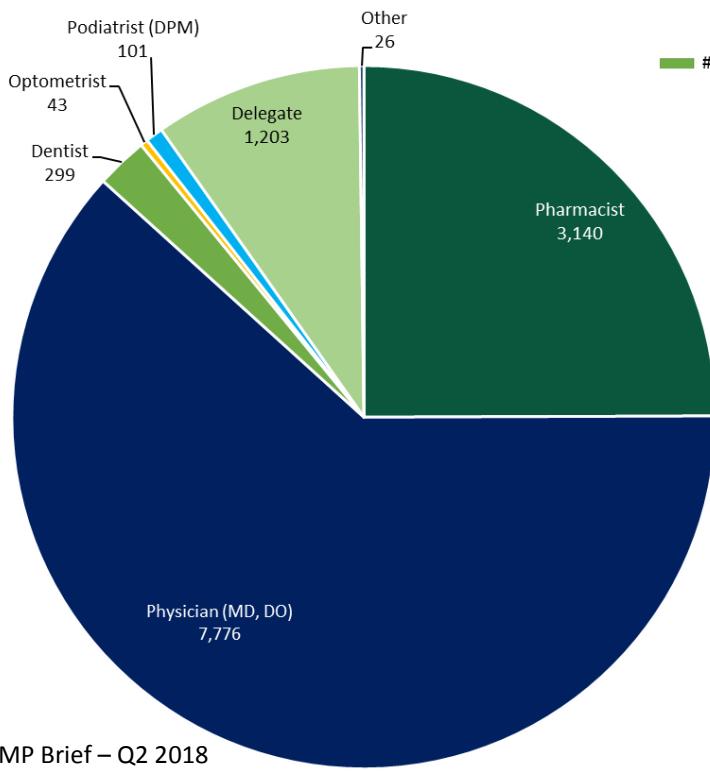


Figure 1. PDMP registration and utilization by quarter.

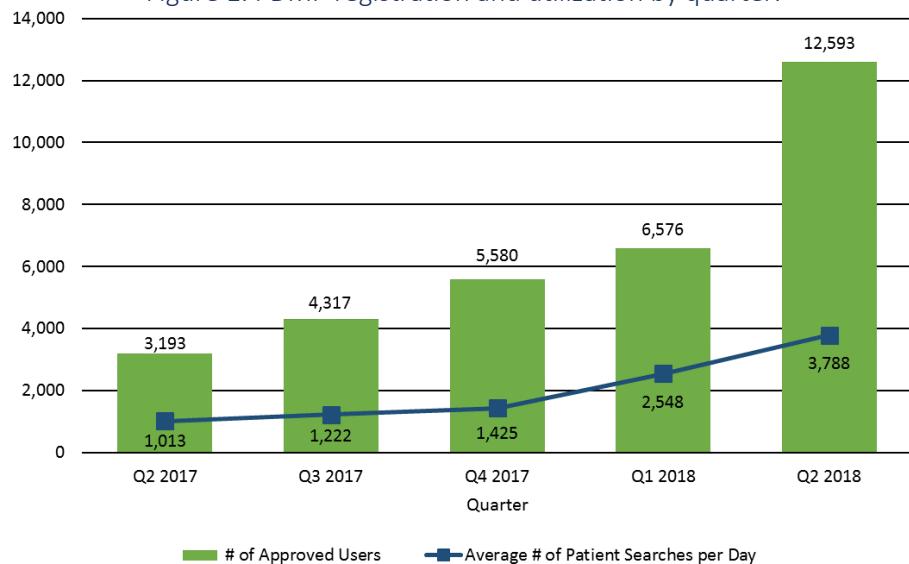


Figure 2. PDMP approved user counts by user role.

Figure 2 represents approved users by role. As of 6/30/18, there were more than 12,590 approved users in the PDMP. The increase in users in Q2 2018 was a result of mass provider registration; mass registration is where a health system, hospital, medical group, or healthcare practice can bulk register their healthcare providers in the PDMP.

**65% of PDMP users are prescribers (physicians, dentists, optometrists, and podiatrists).**

25% of users are pharmacists.

Additional information on the PDMP can be found at [www.stlouisco.com/PDMP](http://www.stlouisco.com/PDMP) or by contacting DPH at [PDMP.DPH@stlouisco.com](mailto:PDMP.DPH@stlouisco.com) or 314-615-0522.



## Opioid Dispensations

Across all age groups, opioids were the most frequently prescribed schedule II-IV controlled substance drug type.

Opioids comprise ~40% of all controlled substances dispensed. Hydrocodone, oxycodone, and tramadol were the three most frequently prescribed opioids (over 82% of opioid prescriptions).

Boone County's opioid dispensation rate was 540.9 opioid prescriptions per 1,000 population which is significantly lower than the total system (714.6 opioid prescriptions per 1,000 population).

Figure 3. Opioid dispensation rates per 1,000 by patient location.

Figure 3 represents opioid dispensation rates per 1,000 population for each jurisdiction compared to the total system. Jurisdictions were categorized as either higher, lower, or not different than the overall dispensation rate based on statistical significance at  $\alpha=0.05$ .

\*Rates represent projected annual rates based on one quarter of data.

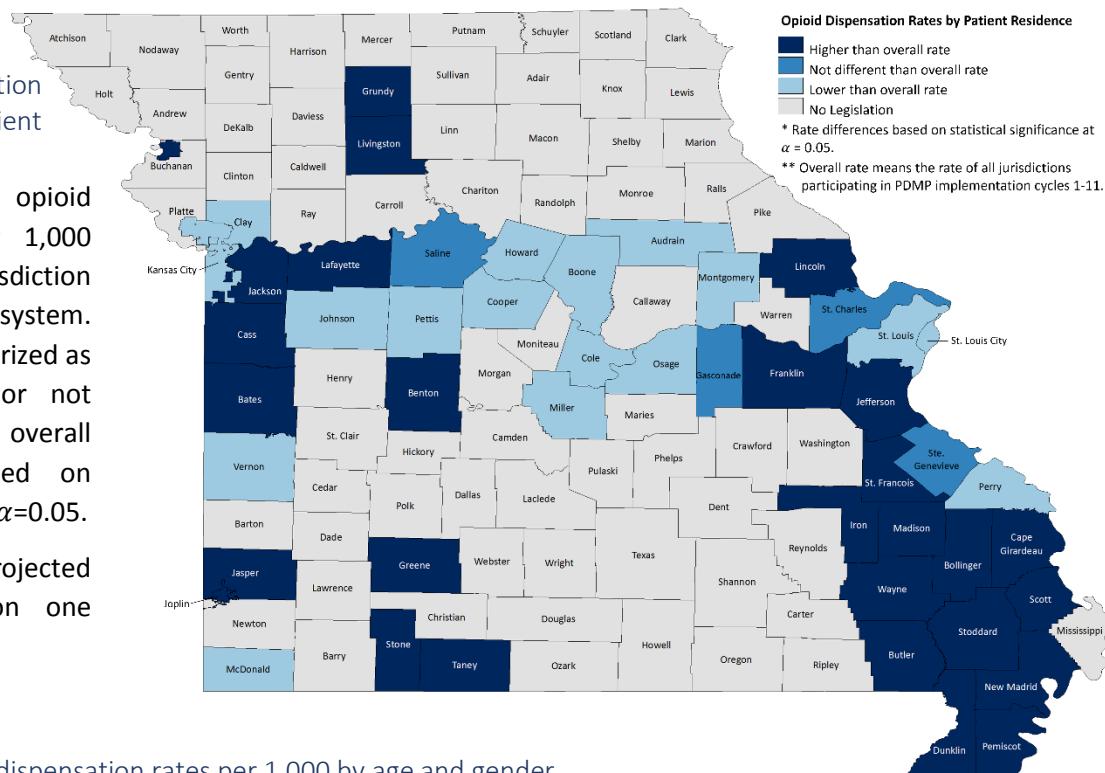
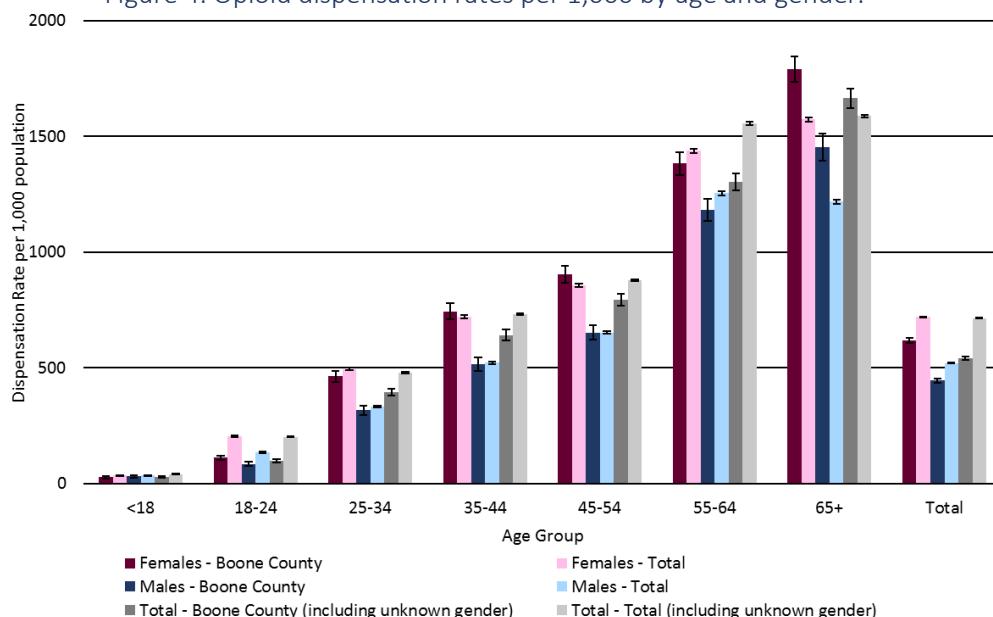


Figure 4. Opioid dispensation rates per 1,000 by age and gender.



Opioid dispensation rates increase as patient age increases.

Females received higher rates of opioid prescriptions than males across all age groups as displayed in Figure 4.

Across both genders, Boone County residents aged 65+ received the highest rates of opioids compared to all other age groups – more than 1.6 opioid prescriptions per Boone County resident aged 65+.



# ST. LOUIS COUNTY PRESCRIPTION DRUG MONITORING PROGRAM

Table 1a. Opioid dispensation rates per 1,000 population by jurisdiction, age, and gender; jurisdictions A-M.

Opioids Jurisdiction	<18		18-24		25-34		35-44		45-54		55-64		65+		Total	
	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI
Audrain County	31.4	(22.7, 40.1)	209.9	(170.5, 249.3)	407.0	(363.2, 450.9)	565.7	(512.9, 618.6)	801.3	(742.8, 859.9)	1297.8	(1216.8, 1378.8)	1159.6	(1093.6, 1225.7)	598.5	(579.6, 617.5)
Female	48.4	(32.6, 64.3)	245.9	(188.7, 303.1)	394.0	(338.3, 449.8)	600.7	(526.8, 672.7)	956.1	(868.4, 1043.7)	1517.5	(1395.7, 1639.3)	1166.7	(1080.2, 1253.3)	675.0	(647.5, 702.5)
Male	16.5	(7.9, 25.1)	164.9	(112.4, 217.3)	383.4	(316.2, 450.7)	516.4	(439.5, 593.4)	620.2	(544.8, 695.5)	1057.2	(952.0, 1162.4)	1140.2	(1038.4, 1241.9)	501.8	(476.2, 527.3)
Bates County	45.1	(32.4, 57.9)	341.5	(276.1, 406.8)	671.3	(596.8, 745.8)	960.7	(873.8, 1047.5)	1001.1	(924.4, 1077.9)	1948.0	(1829.1, 2067.0)	1604.5	(1514.1, 1694.9)	898.8	(870.4, 927.3)
Female	60.1	(39.0, 81.3)	242.8	(320.0, 527.7)	701.5	(593.2, 809.9)	1203.8	(1064.7, 1342.8)	1241.8	(1121.2, 1362.4)	2003.7	(1835.7, 2171.6)	1670.2	(1547.3, 1793.1)	1021.5	(978.0, 1064.1)
Male	21.9	(9.5, 34.3)	223.6	(149.5, 297.7)	590.9	(492.6, 689.1)	656.0	(555.6, 756.4)	663.6	(575.1, 752.1)	1744.4	(1582.7, 1906.1)	1395.9	(1268.5, 1523.3)	701.3	(665.5, 737.1)
Benton County	36.1	(23.4, 48.8)	296.8	(231.8, 361.9)	668.6	(582.0, 755.2)	794.9	(714.3, 875.5)	994.8	(922.1, 1067.5)	1505.0	(1467.6, 1633.5)	1386.5	(1320.8, 1452.2)	941.6	(914.1, 969.2)
Female	24.0	(9.1, 38.8)	417.8	(306.4, 529.2)	951.5	(805.0, 1098.1)	815.8	(701.6, 930.0)	1051.6	(94.7, 1158.5)	1487.1	(1373.7, 1600.4)	1534.5	(1437.2, 1631.8)	1013.9	(973.4, 1054.3)
Male	45.2	(25.4, 65.0)	135.5	(74.6, 196.4)	342.5	(255.1, 429.9)	755.7	(643.4, 868.0)	826.6	(738.3, 919.8)	1513.1	(1395.6, 1630.6)	1181.7	(1095.5, 1267.9)	811.4	(775.3, 847.5)
Bollinger County	57.6	(40.2, 75.0)	200.6	(143.9, 257.4)	596.5	(511.7, 681.4)	841.7	(749.3, 934.1)	1230.1	(1131.7, 1328.6)	2017.8	(1882.3, 2153.3)	1645.5	(1534.6, 1756.3)	937.6	(903.5, 971.8)
Female	42.3	(20.9, 63.7)	159.3	(87.7, 231.0)	646.0	(518.7, 773.3)	848.3	(718.9, 977.8)	1187.0	(1049.0, 1325.1)	1897.7	(1711.5, 2084.0)	1781.9	(1623.4, 1940.3)	950.1	(901.5, 998.8)
Male	64.1	(38.4, 89.7)	233.3	(146.9, 319.8)	484.1	(378.0, 590.2)	764.2	(638.1, 890.4)	1211.3	(1074.4, 1348.1)	2023.6	(1832.1, 2151.1)	1363.6	(1216.5, 1510.8)	861.8	(815.5, 908.1)
Boone County	30.6	(26.9, 34.3)	99.8	(93.1, 106.5)	395.1	(379.4, 410.7)	641.4	(618.4, 664.4)	794.6	(769.8, 819.4)	1302.8	(1267.6, 1388.0)	1664.5	(1623.3, 1705.7)	540.9	(533.8, 548.1)
Female	28.6	(23.3, 37.7)	111.5	(101.7, 121.3)	464.4	(440.2, 488.5)	744.7	(709.9, 779.4)	904.2	(867.6, 940.8)	1382.1	(1331.8, 1432.5)	1789.9	(1733.5, 1846.3)	617.6	(606.9, 628.2)
Male	31.4	(26.2, 36.6)	84.5	(75.5, 93.4)	317.0	(297.3, 336.8)	514.5	(485.0, 543.9)	653.2	(620.6, 685.8)	1182.5	(1043.0, 1231.0)	1454.3	(1393.5, 1513.2)	446.0	(436.6, 455.3)
Butler County	55.8	(46.5, 65.0)	367.2	(327.3, 407.2)	846.0	(795.0, 896.9)	1313.4	(1250.9, 1376.0)	1434.4	(1375.0, 1729.8)	2116.3	(2040.1, 2192.5)	1754.2	(1693.3, 1815.1)	1085.0	(1063.3, 1104.8)
Female	44.5	(32.6, 56.3)	416.1	(355.9, 476.2)	970.9	(895.9, 1046.0)	1307.5	(1220.3, 1394.8)	1459.6	(1376.0, 1543.2)	2087.2	(1982.7, 2191.7)	1727.1	(1646.8, 1807.3)	1122.8	(1094.9, 1150.7)
Male	50.0	(38.7, 62.3)	237.2	(191.8, 282.5)	501.1	(444.0, 558.1)	984.9	(907.5, 1062.4)	1034.3	(961.9, 1106.7)	1650.9	(1553.5, 1748.4)	1253.3	(1175.0, 1331.5)	767.8	(743.9, 791.7)
Cape Girardeau County	42.7	(36.4, 48.9)	142.8	(128.4, 157.2)	535.8	(506.4, 565.3)	788.9	(751.9, 826.0)	881.1	(845.0, 917.1)	1526.1	(1474.9, 1577.3)	1734.2	(1684.6, 1783.8)	738.5	(726.2, 750.7)
Female	36.4	(28.1, 44.7)	157.2	(136.3, 178.1)	573.1	(529.9, 616.3)	785.2	(733.3, 837.1)	893.9	(842.9, 944.9)	1534.6	(1463.1, 1606.1)	1779.1	(1713.3, 1845.6)	778.2	(760.8, 795.7)
Cass County	47.7	(42.4, 53.0)	297.8	(273.3, 322.4)	536.5	(510.4, 562.7)	746.0	(716.6, 775.4)	964.4	(933.2, 995.6)	1837.2	(1787.4, 1887.0)	1760.6	(1715.7, 1805.4)	797.2	(786.1, 808.3)
Female	28.4	(22.6, 34.2)	199.0	(170.1, 227.9)	372.6	(342.3, 402.9)	589.4	(552.7, 626.1)	735.6	(697.3, 773.9)	1443.4	(1382.4, 1504.4)	1701.6	(1642.8, 1760.5)	679.4	(665.1, 693.8)
Male	32.9	(26.7, 39.0)	155.2	(130.6, 179.9)	269.8	(243.2, 296.5)	391.5	(361.1, 421.9)	559.2	(525.4, 593.0)	1197.7	(1139.4, 1256.0)	1097.1	(1043.8, 1150.5)	460.9	(448.8, 472.9)
Clay County	54.0	(48.6, 59.4)	256.8	(235.6, 278.0)	371.3	(352.2, 390.5)	629.1	(604.2, 654.0)	816.3	(788.3, 844.3)	1387.8	(1346.2, 1429.5)	1668.2	(1622.4, 1714.0)	644.1	(634.5, 653.6)
Female	42.1	(35.2, 49.0)	227.8	(199.7, 256.0)	323.9	(298.8, 348.9)	553.2	(520.4, 586.0)	670.0	(634.5, 705.6)	1041.1	(991.3, 1090.9)	1464.9	(1408.2, 1521.6)	557.2	(544.8, 569.6)
Male	31.0	(25.2, 36.8)	127.1	(105.9, 145.2)	222.8	(201.6, 244.0)	330.4	(304.8, 356.1)	440.0	(410.7, 469.3)	923.3	(874.1, 972.5)	1120.1	(1062.6, 1177.5)	376.7	(363.3, 387.2)
Cole County	50.0	(43.4, 56.5)	256.2	(232.3, 280.0)	420.0	(395.2, 444.9)	566.2	(537.1, 595.3)	702.5	(671.9, 731.3)	1134.3	(1091.6, 1117.0)	1430.6	(1382.0, 1479.1)	594.1	(583.2, 605.1)
Female	49.9	(40.6, 59.2)	323.7	(285.6, 361.8)	575.3	(532.6, 618.1)	702.5	(654.7, 750.4)	787.7	(741.2, 834.2)	1225.6	(1163.0, 1288.3)	1496.8	(1431.5, 1562.2)	690.6	(673.7, 708.4)
Male	44.7	(36.0, 53.4)	261.5	(161.6, 36.2)	167.4	(128.4, 205.3)	509.0	(447.4, 570.5)	571.2	(502.3, 629.3)	940.3	(858.2, 1022.4)	741.7	(676.7, 806.6)	423.5	(413.0, 451.9)
Cooper County	26.1	(12.3, 41.7)	201.4	(128.1, 274.7)	431.0	(347.7, 514.2)	608.2	(510.5, 705.8)	745.9	(650.9, 840.8)	1151.2	(1024.3, 1278.1)	815.7	(725.2, 906.2)	556.3	(524.2, 588.3)
Female	27.0	(12.3, 41.7)	154.1	(128.1, 274.1)	392.0	(347.7, 514.2)	509.0	(447.4, 570.5)	571.2	(502.3, 629.3)	940.3	(858.2, 1022.4)	741.7	(676.7, 806.6)	423.5	(413.0, 451.9)
Dunklin County	49.5	(39.8, 59.2)	257.2	(214.2, 291.1)	892.0	(830.3, 953.6)	1332.0	(1259.7, 1404.3)	1925.9	(1844.1, 2007.6)	2542.4	(2443.8, 2640.9)	1837.5	(1764.3, 1910.7)	1187.0	(1163.1, 1210.9)
Female	47.1	(33.5, 60.7)	357.2	(293.9, 420.6)	1067.2	(974.1, 1160.4)	1471.9	(1365.9, 1578.0)	2181.2	(2059.3, 2302.9)	2495.3	(2360.9, 2627.9)	1904.9	(1806.9, 2002.9)	1306.0	(1273.1, 1340.8)
Male	48.8	(35.4, 62.2)	133.1	(92.9, 173.4)	664.7	(587.7, 741.8)	1169.6	(1072.4, 1266.7)	1617.8	(1510.5, 1725.0)	2576.1	(2431.7, 2720.5)	1705.3	(1596.6, 1813.9)	1037.3	(1000.5, 1069.9)
Franklin County	43.7	(38.5, 48.8)	275.1	(252.7, 297.5)	692.3	(662.3, 722.2)	898.9	(866.5, 931.3)	1064.8	(1033.4, 1096.1)	1978.7	(1929.0, 2028.4)	1854.3	(1809.2, 1899.4)	901.5	(889.8, 913.2)
Female	44.2	(36.8, 51.7)	326.5	(291.5, 361.4)	754.7	(710.1, 799.4)	916.1	(870.1, 962.1)	1147.7	(1101.6, 1193.8)	1877.9	(1809.9, 1946.0)	1917.3	(1856.1, 1978.5)	950.8	(933.9, 967.7)
Male	44.5	(31.9, 51.6)	186.2	(160.0, 212.0)	564.7	(526.7, 602.7)	729.8	(688.2, 771.3)	847.3	(807.8, 886.8)	1809.2	(1741.6, 1876.7)	1527.1	(1463.5, 1589.0)	733.0	(718.0, 748.0)
Gasconade County	46.4	(31.8, 60.9)	215.4	(159.0, 217.8)	725.3	(638.5, 812.1)	672.8	(595.5, 750.1)	759.9	(690.0, 827.9)	1388.1	(1287.2, 1489.1)	1156.1	(1079.9, 1232.3)	717.6	(690.7, 744.6)
Female	50.0	(28.6, 71.3)	243.6	(157.9, 329.4)	798.9	(669.3, 928.5)	751.2	(635.8, 866.5)	841.0	(735.2, 1054.0)	1863.7	(1650.2, 1976.7)	1847.2	(1695.2, 1999.1)	988.4	(932.5, 1041.6)
Male	42.8	(23.0, 62.5)	188.3	(114.5, 261.2)	610.4	(498.4, 725.5)	893.9	(848.6, 918.8)	912.5	(871.9, 959.1)	1305.0	(1245.2, 1464.8)	796.1	(756.4, 835.8)	623.7	(583.7, 655.1)
Greene County	46.1	(42.5, 49.7)	180.5	(171.8, 182.9)	622.7	(606.5, 638.9)	928.8	(907.2, 950.4)	1133.6	(1113.1, 1155.9)	1791.7	(1761.7, 1821.7)	1834.8	(1807.2, 1862.4)	855.5	(848.6, 862.6)
Female	41.2	(36.3, 46.1)	197.2	(184.6, 208.9)	750.5	(724.9, 776.2)	1040.3	(1007.6, 1073.0)	1204.2	(1172.0, 1236.4)	1780.2	(1739.0, 1821.4)	1914.5	(1877.7, 1951.4)	938.6	(928.2, 949.0)
Male	46.5	(41.4, 51.6)	140.1	(129.0, 151.2)	443.6	(424.4, 476.2)	716.8	(692.0, 745.1)	931.3	(902.5, 960.1)	1519.1	(1503.0, 1632.4)	1503.0	(1464.2, 1541.8)	674.0	(665.0, 693.2)
Grundy County	50.3	(32.6, 68.0)	188.8	(194.1, 186.2)	523.6	(434.6, 612.6)	731.7	(629.0, 834.4)	969.6	(967.0, 1072.2)	1650.1	(1507.4, 1601.8)	1497.1	(1392.5, 1601.8)	793.3	(758.8, 827.8)
Female	52.9	(27.7, 78.0)	195.6	(113.8, 277.3)	715.4	(570.0, 860.8)	894.6	(735.2, 1054.0)	1192.1	(1031.2, 1352.9)	1863.7	(1650.7, 1976				



# ST. LOUIS COUNTY PRESCRIPTION DRUG MONITORING PROGRAM

Table 1b. Opioid dispensation rates per 1,000 population by jurisdiction, age, and gender; jurisdictions N-Z.

Opioids Jurisdiction	<18		18-24		25-34		35-44		45-54		55-64		65+		Total	
	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI	Rate	95% CI
New Madrid County	33.7	(23.0, 44.4)	191.7	(147.7, 235.7)	601.5	(536.2, 666.8)	882.8	(806.8, 959.8)	1164.4	(1085.0, 1243.7)	1895.2	(1787.6, 2002.7)	1820.7	(1724.8, 1916.5)	920.2	(892.9, 947.5)
Female	25.4	(12.1, 38.6)	237.2	(167.9, 306.4)	666.1	(571.4, 760.8)	1007.6	(893.0, 1122.2)	1362.0	(1243.4, 1480.7)	2110.1	(1952.6, 2267.5)	1851.7	(1724.8, 1978.6)	1039.8	(999.5, 1080.1)
Male	34.7	(19.5, 49.9)	104.7	(58.8, 150.6)	475.2	(390.9, 559.5)	561.0	(567.7, 754.2)	888.6	(788.2, 988.9)	1560.3	(1419.6, 1701.1)	1611.9	(1472.7, 1751.1)	721.6	(686.7, 756.5)
Osage County	41.9	(28.2, 55.6)	173.0	(127.7, 218.3)	349.7	(290.0, 409.3)	350.3	(295.7, 405.0)	510.4	(449.5, 571.3)	1042.0	(943.3, 1140.7)	1036.1	(948.6, 1123.7)	466.3	(443.6, 489.1)
Female	36.0	(17.8, 54.2)	228.1	(143.6, 312.6)	497.2	(393.3, 601.1)	502.3	(408.8, 595.7)	524.9	(434.3, 615.5)	1186.7	(1034.0, 1339.4)	972.9	(858.5, 1087.2)	529.2	(494.3, 564.2)
Male	47.6	(27.2, 67.9)	124.4	(75.6, 173.1)	214.5	(150.4, 278.6)	195.7	(138.5, 252.8)	494.3	(412.4, 576.1)	882.7	(757.2, 1008.2)	1087.8	(954.0, 1221.6)	397.8	(368.7, 426.9)
Pemiscot County	45.3	(33.5, 57.1)	278.3	(226.7, 329.8)	837.2	(758.7, 915.7)	1214.6	(1121.3, 1307.9)	1682.5	(1581.8, 1783.1)	2779.4	(2639.3, 2919.5)	2100.3	(1990.8, 2209.7)	1149.1	(1118.0, 1180.2)
Female	46.8	(29.8, 63.9)	314.3	(238.5, 390.1)	960.1	(845.8, 1074.5)	1393.3	(1254.5, 1532.2)	1803.9	(1659.3, 1948.5)	2788.4	(2594.5, 2982.4)	2223.1	(2075.9, 2370.2)	1259.2	(1214.3, 1304.1)
Male	42.2	(26.3, 58.2)	228.6	(161.0, 296.1)	692.4	(587.1, 797.7)	987.4	(866.2, 1108.6)	1511.8	(1374.1, 1649.5)	2750.2	(2548.4, 2952.1)	1908.5	(1746.3, 2070.7)	1012.0	(969.7, 1054.2)
Perry County	39.5	(28.2, 50.8)	192.4	(147.7, 237.2)	425.7	(372.0, 479.3)	565.7	(505.2, 626.1)	645.8	(586.0, 705.6)	1233.4	(1143.5, 1323.2)	1166.2	(1088.4, 1244.0)	575.8	(554.2, 597.4)
Female	34.7	(19.5, 49.9)	245.7	(172.3, 319.2)	495.5	(412.5, 578.4)	559.2	(473.3, 645.0)	707.6	(619.0, 796.2)	1462.7	(1323.8, 1601.6)	1176.5	(1072.8, 1280.1)	643.2	(610.9, 675.4)
Male	43.9	(27.4, 60.5)	139.2	(86.7, 191.7)	328.8	(263.0, 394.5)	542.1	(459.2, 625.1)	561.2	(482.4, 639.9)	882.7	(757.2, 1008.2)	1112.0	(996.3, 1227.7)	484.5	(456.4, 512.5)
Pettis County	41.2	(33.5, 48.8)	194.1	(166.7, 221.5)	496.0	(458.2, 533.8)	680.4	(634.4, 726.4)	748.0	(704.7, 791.4)	1435.7	(1368.0, 1503.3)	1291.0	(1234.4, 1347.9)	633.7	(618.5, 648.9)
Female	27.9	(18.9, 36.8)	213.4	(172.9, 258.8)	444.8	(393.9, 495.7)	641.8	(578.5, 705.0)	601.1	(546.0, 656.2)	1232.8	(1144.4, 1321.1)	1286.6	(1212.2, 1361.1)	593.8	(573.2, 614.5)
Male	43.9	(32.8, 55.0)	105.5	(76.8, 134.2)	258.9	(220.5, 297.2)	337.6	(292.0, 383.3)	568.8	(515.6, 622.0)	1039.7	(958.0, 1121.4)	918.8	(845.5, 992.0)	417.0	(399.4, 434.6)
Saline County	43.7	(32.6, 54.9)	121.2	(95.1, 147.3)	532.8	(478.2, 587.5)	808.6	(739.5, 877.8)	744.5	(685.5, 803.5)	1539.0	(1448.9, 1629.1)	1436.1	(1358.8, 1513.3)	700.4	(678.9, 721.2)
Female	44.2	(28.1, 60.2)	147.0	(104.5, 189.4)	616.7	(533.7, 699.7)	919.8	(816.4, 1023.2)	900.7	(808.3, 993.1)	1755.8	(1618.5, 1893.0)	1573.7	(1468.0, 1679.5)	826.3	(793.4, 859.1)
Male	43.3	(27.8, 58.8)	94.1	(63.0, 125.3)	424.9	(355.7, 494.1)	687.1	(596.1, 778.1)	571.1	(498.5, 643.6)	1296.3	(1180.3, 1421.4)	1213.5	(1103.4, 1323.7)	557.0	(529.8, 584.2)
Scott County	40.6	(32.6, 48.6)	268.5	(232.8, 304.1)	715.8	(667.3, 764.2)	1030.4	(976.9, 1091.0)	1663.7	(1303.1, 1424.2)	2059.9	(1979.9, 2140.0)	2079.0	(2005.3, 2152.8)	1016.8	(996.8, 1036.7)
Female	45.2	(33.1, 57.3)	259.0	(210.1, 307.8)	747.6	(678.9, 816.4)	1008.8	(929.9, 1087.8)	1369.7	(1280.5, 1345.4)	2032.3	(1922.7, 2141.9)	1976.6	(1882.3, 2070.9)	1035.3	(1007.3, 1063.2)
Male	30.0	(20.4, 39.5)	197.5	(153.6, 241.3)	539.5	(478.8, 600.1)	863.3	(789.0, 937.7)	1051.0	(974.8, 1127.2)	1714.3	(1608.1, 1820.4)	1872.9	(1764.6, 1981.2)	809.4	(783.7, 835.0)
St. Charles County	45.0	(42.3, 47.7)	258.7	(247.4, 270.1)	480.6	(468.1, 493.0)	733.1	(718.2, 748.0)	774.2	(759.8, 788.6)	1549.9	(1525.8, 1574.0)	1873.6	(1846.9, 1903.3)	708.7	(703.2, 714.2)
Female	39.6	(35.9, 43.3)	246.9	(231.0, 262.7)	504.2	(486.2, 522.2)	708.7	(688.1, 729.3)	735.2	(715.5, 754.9)	1385.8	(1354.2, 1417.4)	1906.0	(1870.1, 1941.8)	709.5	(701.7, 718.2)
Male	39.0	(35.4, 42.5)	196.3	(182.5, 210.0)	332.1	(317.3, 346.8)	549.2	(530.8, 567.6)	566.8	(549.2, 584.8)	1275.9	(1244.2, 1307.5)	1430.9	(1395.6, 1466.3)	523.0	(516.2, 529.7)
St. Francois County	53.0	(45.5, 60.5)	271.5	(245.5, 297.6)	678.3	(644.9, 711.7)	1331.8	(1283.1, 1380.4)	1669.3	(1618.5, 1720.0)	3119.1	(3039.1, 3199.1)	2143.3	(2083.9, 2202.6)	1229.1	(1212.1, 1246.1)
Female	59.9	(48.5, 71.4)	416.0	(366.4, 465.5)	877.6	(818.1, 937.0)	1715.7	(1631.6, 1799.7)	1963.7	(1881.5, 2045.9)	3190.3	(3074.2, 3306.4)	2234.1	(2153.6, 2314.5)	1422.1	(1395.4, 1448.9)
Male	44.9	(35.2, 54.5)	145.9	(120.7, 171.1)	473.1	(436.9, 509.3)	916.1	(862.6, 969.7)	1254.8	(1195.6, 1314.0)	2678.1	(2574.7, 2781.5)	1723.9	(1643.1, 1804.7)	924.8	(904.5, 945.0)
Ste. Genevieve County	34.1	(23.0, 45.3)	290.4	(232.9, 347.9)	518.4	(453.7, 583.0)	668.8	(599.8, 737.8)	815.0	(751.4, 876.6)	1763.8	(1659.8, 1867.8)	1181.7	(1102.7, 1260.7)	735.6	(710.7, 760.6)
Female	23.4	(10.2, 36.7)	304.3	(218.2, 390.4)	483.1	(393.3, 573.0)	557.1	(467.9, 646.3)	738.1	(651.5, 824.7)	1543.6	(1402.6, 1684.7)	885.0	(792.8, 977.2)	630.0	(597.1, 662.8)
Male	27.6	(13.6, 41.6)	178.0	(116.3, 239.7)	332.3	(260.4, 404.2)	358.6	(287.2, 430.0)	445.6	(379.7, 511.4)	1184.2	(1066.5, 1301.8)	689.5	(599.6, 779.5)	443.8	(416.5, 471.0)
City of St. Joseph	40.8	(34.9, 46.7)	186.5	(168.6, 204.5)	581.1	(552.3, 609.9)	878.8	(840.5, 917.1)	1127.2	(1087.0, 1167.4)	1952.4	(1892.8, 2012.0)	1703.0	(1653.3, 1752.6)	825.2	(812.4, 838.1)
Female	28.0	(21.0, 35.0)	182.0	(156.6, 207.3)	566.2	(524.6, 607.8)	794.5	(741.3, 847.6)	1008.5	(953.8, 1063.2)	1588.8	(1514.0, 1663.6)	1478.2	(1418.8, 1537.6)	752.3	(735.0, 769.6)
Male	30.1	(23.1, 37.2)	102.0	(83.5, 120.6)	330.6	(300.8, 360.4)	507.8	(467.8, 547.7)	730.0	(685.0, 775.1)	1463.5	(1389.2, 1537.7)	1277.7	(1209.1, 1346.3)	534.8	(520.1, 549.5)
St. Louis City	26.4	(24.0, 28.9)	136.3	(129.0, 143.6)	395.4	(385.1, 405.7)	637.8	(622.2, 653.4)	762.0	(745.8, 778.1)	1453.7	(1428.3, 1479.1)	1295.7	(1271.9, 1319.5)	581.4	(576.1, 586.7)
Female	21.3	(18.2, 24.5)	154.7	(143.9, 165.4)	418.3	(403.5, 433.0)	664.3	(614.6, 686.9)	773.5	(750.5, 796.6)	1413.5	(1378.8, 1484.3)	1247.9	(1218.1, 1277.6)	600.7	(593.2, 608.2)
Male	26.7	(23.2, 30.1)	97.4	(88.5, 106.4)	309.0	(296.0, 322.0)	515.5	(495.8, 535.3)	636.1	(615.2, 656.9)	1250.7	(1216.7, 1284.7)	1143.7	(1107.6, 1179.8)	470.1	(463.2, 476.9)
St. Louis County	36.0	(34.5, 37.5)	193.8	(188.0, 199.7)	413.4	(406.1, 420.6)	558.4	(550.1, 566.8)	637.3	(629.3, 645.2)	1161.2	(1149.4, 1173.0)	1397.1	(1385.1, 1409.1)	602.1	(599.0, 605.1)
Female	31.8	(28.9, 33.9)	196.9	(188.5, 205.2)	448.5	(438.1, 458.9)	566.2	(554.7, 577.8)	647.7	(636.7, 658.7)	1123.6	(1107.8, 1139.4)	1451.4	(1435.5, 1467.3)	639.7	(635.4, 644.0)
Male	31.9	(29.9, 33.9)	145.2	(137.9, 152.4)	295.0	(286.2, 303.8)	422.2	(411.6, 432.8)	483.8	(473.7, 493.9)	949.5	(933.9, 965.2)	1065.2	(1048.9, 1081.6)	441.6	(437.9, 445.4)
Stoddard County	31.0	(22.7, 39.4)	312.9	(268.8, 357.1)	673.3	(618.3, 728.3)	1130.9	(1062.0, 1199.7)	1340.3	(1271.8, 1408.9)	1837.5	(1751.9, 1923.1)	1378.2	(1315.3, 1441.2)	926.2	(904.4, 948.0)
Female	30.9	(19.0, 42.8)	471.8	(393.6, 549.9)	771.5	(689.0, 854.0)	1241.5	(1138.9, 1344.0)	1501.6	(1399.8, 1603.4)	1916.4	(1793.7, 2035.5)	1528.2	(1404.7, 1615.8)	1047.2	(1014.9, 1079.5)
Male	30.0	(18.5, 41.6)	146.9	(104.1, 189.8)	535.7	(465.7, 607.5)	916.9	(828.9, 1004.1)	1091.9	(1003.7, 1180.2)	1644.4	(1527.2, 1761.6)	1103.0	(1016.8, 1189.2)	741.1	(713.9, 769.0)
Stone County	27.2	(18.9, 35.5)	310.8	(260.1, 361.6)	577.4	(518.9, 635.9)	727.7	(670.1, 785.4)	926.6	(872.4, 988.8)	1179.3	(1122.6, 1236.0)	1395.2	(1343.0, 1447.4)	832.6	(812.7, 852.6)
Female	26.8	(15.0, 38.5)	407.3	(322.7, 491.9)	746.5	(652.1, 840.9)	726.4	(646.1, 806.8)	920.5	(845.5, 995.5)	1221.9	(1142.2, 1301.6)	1597.0	(1518.5, 1675.5)	914.9	(885.6, 944.2)
Male	27.6	(15.8, 39.4)	163.4	(112.8, 214.1)	367.8	(302.0, 433.6)	687.5	(670.1, 767.8)	876.5	(800.5, 952.5)	1078.9	(1000.3,				